# Owner's Manual

## BOOST CORE
DELUXE

NUX

www.nuxefx.com

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**Accuracy**
Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co. makes no representations or warranties regarding the contents.

## WARNING!-IMPORTANT SAFETY INSTRUCTIONS BEFORE CONNECTING, READ INSTRUCTIONS

| | |
|---|---|
| **WARNING:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. | **CAUTION:** To reduce the risk of fire or electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel. |

**CAUTION:** This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

| | |
|---|---|
| The lightning symbol within a triangle means "electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock. | The exclamation point within a triangle means "caution!" Please read the information next to all caution signs. |

1. Use only the supplied power supply or power cord. If you are not sure of the type of power available, consult your dealer or local power company.
2. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
3. Guard against objects or liquids entering the enclosure.
4. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
5. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
6. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.
8. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening".

*Follow all instructions and heed all warnings*
KEEP THESE INSTRUCTIONS!

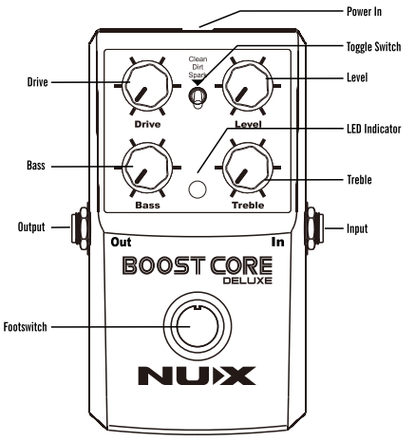
Thank you for selecting the NUX products! With years of research, we are proud to launch the new generation of the NUX pedals - The Core Deluxe Series! Based on the popular NUX Core pedals, the Deluxe series pedals have upgraded hardware circuits and new algorithm (digital models only) that ensure ultra-low noise and great tones!

BOOST CORE DELUXE is a Booster pedal providing you 3 different mode of boost options. You can enhance your signal without any color change in Clean mode with a tasty compressed sound or you can get additional warm tube sound on Dirt mode. If you want to go further, you can create a sparkling drive sound while you increase the volume level. Harmonics will be bonus while you play with a well-sustained guitar tone. Recommended first in effect chains.

## Features

- Whether your main choice is an overdrive or distortion, Boost Core Deluxe will be your best gear-mate.
- Analog Circuit.
- 3 Boost Modes (Clean – Dirt – Sparkle) .
- True Bypass.
- Powered by 9V battery or optional 9V Power Adapter (Negative Tip).

## Product Description




**Drive Knob**
Set the boost gain level.

**Level Knob**
Set the boost volume level.

**Bass Knob**
Set the bass frequency.

**Treble Knob**
Set the treble frequency.

**Toggle Switch**
Switch the 3 Boost Modes (Clean – Dirt – Sparkle) .

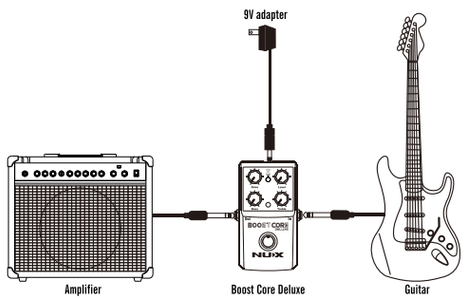
**Footswitch**
Press the footswitch to engage or bypass the effect.

## Connection

**Power In**
Connect a 9V (negative tip) adaptor. Optional NUX ACD-006A is recommended.
**NOTE:** Using other adaptor may cause damage or noise.

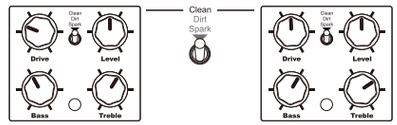
**Input**
This is the input jack for plugging into the guitar.
**NOTE:** When you use battery, In jack is also the power trigger, so make sure the In jack is always connected to keep the power on.

**Output**
This outputs could connect to a guitar amplifier.




## Using Effects

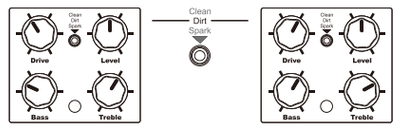
**Clean Mode**
You can enhance your signal without any frequency change/color in clean mode but drive knob allows you to get a bit compressed sound to give a taste on your clean sound as a tube amplifier --more drive means a fatter and cleaner sound (Max drive can create a cracked sound).




If you want to keep your original tone while boosting, these parameters will give you a clean boost. If your guitar has a humbucker pickup, you could adjust Treble to 4 for create a mellow sound.

If Clean guitar sound feels like a bit compressed, you can control the sound brightness with treble knob (depends on guitar pickups) or you can increase drive level to get more drive attack on your playing style. Drive guitar sound (or overdrive) will be more sustained.

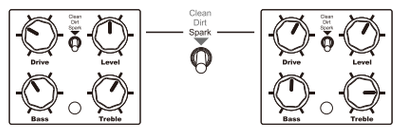
**Dirt Mode**
Dirt mode puts a warm tube sound while increasing the gain level. Put it before your main overdrive or distortion to gain boost.




It allows you to have a warm tube sound on clean guitar sound - a bit cracked in higher volume. If you play in any drive tone, you will get more harmonics. More drive level will give you more sustain and also you can feel classic British sound.

If you want to convert your sound from drive to fat drive (or distortion to fat distortion) this dial up allows you to add some clean bass. You can try different Treble parameters to find a good spot for your taste of playing.

**Spark Mode**
It will enhance your gain and volume level to create more sustain and a harmonic sound. Wide range Drive knob gives enough gain to work as an Overdrive pedal.



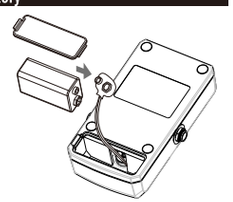

Clean guitar sound will turn into a sparkle tube drive with a bright sound. Drive sound can be turned into a warm and compressed distortion with more drive levels. Clean or drive when you activate the pedal in Spark mode your tone will be more compressed and brighter.

Combine with a drive pedal and you will get a more harmonized distortion sound, especially when you play a solo, hold your last note and you will get a smooth sustained and warm harmonics. If you're playing with a humbucker pickup, you can try lower Treble adjustment.

**Treble and Bass controls allow you to adjust your sound way you like.**
Parameters can be changed according to your equipment.

## About Battery

A 9V battery is included in the package in purpose of testing. If it is powered by battery, change a new battery when the LED goes dim. To save battery life, unplug the cable from the In jack when it is not in use. A high quality pedal power adaptor (optional NUX ACD-006A) is strongly recommended.



## Troubleshooting

**Power Does Not Turn On**
- Check if the adaptor is connected correctly and securely of not.
- If it is powered by battery, try a fresh battery.
- Check if the In jack is plugged in.

**No Sound**
- Try to plug the instrument directly into this pedal and output this pedal directly to the amp, and make sure the volume of the instrument and the amplifier is turned on.
- Check if all the cable connections are good and secure.

**Noise Problem**
- Make sure the power adaptor is with correct specifications (DC 9V, minimum 300mA, ⊕-◐-⊖ ). We strongly recommend the NUX ACD-006A adaptor. Using other adaptor may cause noise or malfunction.
- Setting the Gain too high will generate more noise. Try to lower down the Gain. Using guitar with single coil pickups may have more noise.
- Try to turn up the depth of the built-in Noise Reduction.

**NOTE:** Turning the depth of the Noise Reduction too high may kill the natural sustain of the note.

**Poor Sound Quality**
- Make sure all the cables are securely plugged into the pedal, guitar and the playback device, i.e. amplifiers.
- Make sure the power adaptor is with the correct specifications (DC 9V, minimum 300mA, ⊕-◐-⊖ ).
- If it is powered by battery, try a new battery. For longest battery life, we suggest new, high quality ALKALINE battery.

**Effects are not responding to knob settings**
- Try to set the toggle switch to Clean or Sparkle position, turn off the power and turn on again.
- Check if the toggle switch is in Dirt position. If yes, set it to Clean or Sparkle position.

## Specifications

| | |
|---|---|
| Effects: | 3 Boost Modes (Clean – Dirt – Sparkle) |
| Preset: | 1 |
| Nominal Input Level: | -20dBu (GUITAR)<br>+3dBu (Max.) |
| Input Impedance: | 1MΩ |
| Nominal Out put Level: | -20dBu (GUITAR)<br>+3dBu (Max.) |
| Output Impedance: | 1kΩ |
| Residual Noise Level: | -97dBu |
| Current Draw: | 4mA (9 V) |
| Power Supply: | 9V Battery, or AC adaptor to DC 9V ⊕-◐-⊖ (optional NUX ACD-006A) |
| Dimensions: | 122mm (L) x 72mm (W) x 47mm (H) |
| Weight: | 251g |

*Specification may change without notice.

## Precautions

- Environment:
  1.Do NOT use the BOOST CORE DELUXE in high temperature, or high humidity, or subzero environments.
  2.Do NOT use the BOOST CORE DELUXE in the direct sunlight.
- Please do NOT disassemble the BOOST CORE DELUXE by yourself.
- Please keep this manual for future reference.

## Accessories

- One 9V battery (only for testing purpose)
- Owner's manual

### THE FCC REGULATION WARNING (for U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/ EC on Electromagnetic Compatibility.

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